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|  |                 |  |   | Priority FILING DATE<br>March 14, 2002 | Priority GROUP<br>1765            |                            |    |
| U.S. PATENT DOCUMENTS  |                 |  |   |  |                                   |                            |    |
| *Examiner Initial  | Document Number | Date   | Name  | Class                                  | Subclass                          | Filing Date If Appropriate |    |
| i  | AA              | 5,908,947  | 06/1999   | Vaartstra                              |                                   |                            |    |
|  | AB              | 6,287,965  | 09/2001   | Kang et al                             |                                   |                            |    |
| X  | AC              | 6,391,803  | 05/2002   | Kim et al                              |                                   |                            |    |
| X  | AD              | 5,840,897  | 11/1998   | Kirlin et al                           |                                   |                            |    |
|  | AE              |  |   |  |                                   |                            |    |
|  | AF              |  |   |  |                                   |                            |    |
|  | AG              |  |   |  |                                   |                            |    |
|  | AH              |  |   |  |                                   |                            |    |
|  | AI              |  |   |  |                                   |                            |    |
|  | AJ              |  |   |  |                                   |                            |    |
|  | AK              |  |   |  |                                   |                            |    |
|  | AL              |  |   |  |                                   |                            |    |
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|  | Document Number | Date   | Country   | Class                                  | Subclass                          | Translation                |    |
|  |                 |  |   |  |                                   | Yes                        | No |
| A  | AM              | 2002027063   | 04/2002   | PCT/Gordon et al                       |                                   |                            |    |
|  | AN              |  |   |  |                                   |                            |    |
|  | AO              |  |   |  |                                   |                            |    |
|  | AP              |  |   |  |                                   |                            |    |
|  | AQ              |  |   |  |                                   |                            |    |
| OTHER REFERENCES (including Author, Title, Date, Pertinent Pages, Etc.)  |                 |  |   |  |                                   |                            |    |
| X  | AR              |  | Sean T. Barry, et al, "Monomeric Chelated Amides of Aluminum and Gallium: Volatile, Miscible Liquid Precursors for CVD", Harvard University Chemical Laboratories, Mater. Res. Soc. Symp. Proc., 2000, Vol. 606, pg. 83 |  |                                   |                            |    |
| X  | AS              |  | Kim et al., "Compositional Variations of TiAlN Films Deposited by Metalorganic Atomic Layer Desposition Method", Jpn. J. Applied Physics, vol. 41, part 1 (2a) 2-2002, pages 562-565.                                   |  |                                   |                            |    |
|  | AT              |  |   |  |                                   |                            |    |
| EXAMINER   |                 |  |   | DATE CONSIDERED                        |                                   |                            |    |
| [Signature]  |                 |  |   | 8/15/05                                |                                   |                            |    |
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